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Antibody to Human Interferon-gamma
MOUSE MONOCLONAL

Catalog Number: AB-504
Quantity: 500 micrograms, 1 milligram
Format: Lyophilized
Host: Mouse
Isotype: IgG2a
Clone: NYRhIFNg
Immunogen: r.Human IFN-g

Background:

IFN-gamma is produced by lymphocytes activated by specific antigens or mitogens. In addition to having antiviral activity, it has important immunoregulatory functions, is a potent activator of macrophages, and has anti-proliferative effects on transformed cells. It can also potentiate the antiviral and antitumor effects of the type I interferons.

Specificity and Preparation:

Mouse anti-human interferon-gamma (IFN-gamma) is purified over an ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Reported to be effective for direct ELISA, western blot, immunoprecipitation, immunohistochemistry, and intracellular staining. This antibody loses its antigen binding capacity when immobilized on plastic. Biological activity is determined by virus neutralization assay and MHC class II induction.

Reconstitute with sterile H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Antibody is stable for two years lyophilized, one month in solution at 4°C. Antibody is shipped lyophilized at ambient temperature.

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